

CLAIMS

1. A steel composition intended to be used
 in a process comprising a cold rolling step, for the
 production of uncoated, electro-galvanised or hot dip
 5 galvanised TRIP steel products, said composition being
 characterised by the following contents :

- C : between 1300ppm and 2600ppm,
- Mn : between 10000ppm and 22000ppm,
- Al : between 8000ppm and 15000ppm,
- 10 - Si : between 2000ppm and 6000ppm,
- P : between 400 and 1000ppm,
- S : maximum 120ppm,
- N : maximum 200ppm,
- Ti : maximum 1000ppm,
- 15 - Nb : maximum 1000ppm,
- V : maximum 1000ppm,
- B : maximum 10ppm.

the remainder being substantially iron and incidental
 impurities.

20 2. The steel composition according to
 claim 1, comprising a carbon content between 1300ppm and
 1900ppm.

3. The steel composition according to
 claim 2, comprising a carbon content between 1350ppm and
 25 1900ppm.

4. The steel composition according to
 claim 2, comprising a carbon content between 1400ppm and
 1900ppm.

5. The steel composition according to
 30 claim 1, comprising a carbon content between 1700ppm and
 2300ppm.